Name of Work : Providing and laying HDPE Water line in HMT Layout, Block- 4 in JP Park Ward no 17.

A) Detailed Measurement

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
19	Providing and laying Semi Dense Bituminous Concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.0 to 4.5% by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% bitumen 60/70 grade (Grading II) and as directed by the Engineer in charge.						
	14th B Main	1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	20.00	$\frac{0.45 + 0.45}{2}$	0.025	0.23	
	15th Main	1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	14.50	$\frac{0.45 + 0.45}{2}$	0.025	0.16	
	15th A Main	1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	14.50	$\frac{0.45 + 0.45}{2}$	0.025	0.16	
	15th B Main	1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
	2nd Cross	1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	9.80	$\frac{0.45 + 0.45}{2}$	0.025	0.11	
	16th Main	1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.025	0.34	

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
	16th A Main	1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	10.00	(0.45 + 0.45)/2	0.025	0.11	
	17th Main	1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	22.80	(0.45 + 0.45)/2	0.025	0.26	
	Main Road	1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	30.00	(0.45 + 0.45)/2	0.025	0.34	
		1	28.50	(0.45 + 0.45)/2	0.025	0.32	

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Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Cross Cutting		**Avg**	**Avg**			
	14th B Main	23	6.60	$\frac{0.45 + 0.45}{2}$	0.030	2.05	
	15th Main	28	6.60	$\frac{0.45 + 0.45}{2}$	0.030	2.49	
	15th A Main	28	5.90	$\frac{0.45 + 0.45}{2}$	0.030	2.23	
	15th B Main	20	6.00	$\frac{0.45 + 0.45}{2}$	0.030	1.62	
	2nd Cross	27	6.00	$\frac{0.45 + 0.45}{2}$	0.030	2.19	
	16th Main	17	6.60	$\frac{0.45 + 0.45}{2}$	0.030	1.51	
	16th A Main	12	6.60	$\frac{0.45 + 0.45}{2}$	0.030	1.07	
	17th Main	13	6.60	$\frac{0.45 + 0.45}{2}$	0.030	1.16	
	Main Road	53	6.90	$\frac{0.45 + 0.45}{2}$	0.030	4.94	
					Total Quantity	**41.54**	**Cum**

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Name of Work : Providing and laying HDPE Water line in HMT Layout, Block- 4 in JP Park Ward no 17.

A) Detailed Measurement

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
20	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications and as directed by the Engineer in charge.						
	Cross Road	1	30.00	$\frac{0.45 + 0.45}{2}$	0.10	1.35	
		1	30.00	$\frac{0.45 + 0.45}{2}$	0.10	1.35	
	Cross Road	1	30.00	$\frac{0.45 + 0.45}{2}$	0.10	1.35	
		1	19.80	$\frac{0.45 + 0.45}{2}$	0.10	0.89	
	Cross Cutting						
	Cross Road	7	6.60	$\frac{0.45 + 0.45}{2}$	0.10	2.08	
	Cross Road	6	6.60	$\frac{0.45 + 0.45}{2}$	0.10	1.78	
					Present Qty	**8.80**	**Cum**
					Limit to Tender Qty	**4.86**	**Cum**

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Name of Work : Providing and laying HDPE Water line in HMT Layout, Block- 4 in JP Park Ward no 17.

A) Detailed Mesaurements

Item No	Discription of item	No	Length	Breadth	Depth	Qty	Unit
22	Conveying the excavated earth silt debris and over burden earth etc., to a lead of upto 9 to 10 Kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete and as directed by the Engineer in charge.						
	Quantity vide Item No:1	1	1.00			1619.87	
	Quantity vide Item No:14					1134.76	
	Quantity vide Item No:1-Quantity vide Item No:14					485.11	
	Total Qty					**485.11**	**Cum**

Certificate:

1. Certified that the work has been completed satisfactorily as per the terms and conditions of the tender Agreement & As per approved Design, Drawings & Specifications on (Completion date)
2. Certified that the work agency has cleared all the debris from work spot.
3. Certified that the contractor has made his own arrangements for procurement of materials such as bitumen, cement, steel, etc,.

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